

## ABSTRACT

- 5 A system for conditioning a flow of inlet fluid such as air by modifying its temperature and by removing particulate matter and carbon monoxide. The system includes Peltier effect thermal electric coolers sandwiched to form air passages to both cool air for use in a space and to expel waste heat. The system includes catalytic alumina pellets impregnated with heavy metals that will remove harmful carbon monoxide from the flow
- 10 of conditioned air at ambient temperatures.